



BOBBY JINDAL
GOVERNOR

PEGGY M. HATCH
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20090003
Agency Interest No. 32189

Mr. Michael Schoch
Director of Environmental, Safety, and Regulatory
Hilcorp Energy Company
P.O. Box 61229
Houston, TX 72208-1229

RE: Part 70 Operating Permit
Lafitte Field Compressor Station TB # 5 & Camp
Lafitte, Jefferson Parish, Louisiana

Dear Mr. Schoch:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 11 of September, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2010.

Permit No.: 1340-00147-V6

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:DWP
c: EPA Region VI

**PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)**

**HILCORP ENERGY COMPANY
LAFITTE FIELD COMPRESSOR STATION TB #5 & CAMP
PROPOSED PART 70 AIR OPERATING PERMIT MODIFICATION**

The LDEQ, Office of Environmental Services, is accepting written comments on the proposed Part 70 Air Operating Permit Modification for Hilcorp Energy Company, P.O. Box 61229, Houston, TX 72208-1229, for the Lafitte Field Compressor Station TB # 5 & Camp. The facility is located within an oil and gas canal adjacent to the Barataria Bay Waterway, approximately 6.0 miles Southwest from Laffite, within Jefferson Parish.

Hilcorp Energy Company's Lafitte Field Compressor Station TB # 5 & Camp facility produces oil, gas, and saltwater through deep wells from natural gas reservoirs. The plant is covered by Standard Industrial Classification (SIC) 1311. Hilcorp Energy Company requested to add 1775 hp Caterpillar 3606 compressor engine (HLCSC1) and operate the two 2000 hp Cooper Bessemer GMVC-12 compressor engines no more than 4 hours per month each as back up units when the new Caterpillar 3606 is down for scheduled maintenance.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	4.21	0.39	-3.82
SO ₂	0.09	0.06	-0.03
NO _x	285.80	97.19	-188.61
CO	123.45	126.14	+2.69
VOC *	204.90	203.22	-1.68

*Includes a number of Toxic Air Pollutants. Benzene is being increased above the MER.

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Tuesday, May 18, 2010.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit application, proposed Part 70 Air Permit, and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov .**

Additional copies may be reviewed at the Jefferson Parish Library, Jane O'Brien Chatelain West Bank Regional Library, 2751 Manhattan Blvd., Harvey, LA 70058.

Inquiries or requests for additional information regarding this permit action should be directed to Dawei Pan, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-0930.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmaillistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx .

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm .

All correspondence should specify AI Number 32189, Permit Number 1340-00147-V6, and Activity Number PER20090003.

Scheduled Publication Date: Friday, April 16, 2010

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Lafitte Field Compressor Station TB # 5 & Camp
Agency Interest No.: 32189
Hilcorp Energy Company
Lafitte, Jefferson Parish, Louisiana**

I. Background

Hilcorp Energy Company currently operates Lafitte Field Compressor Station TB # 5 & Camp under Permit No. 1340-00147-V5, dated September 11, 2009.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire dated October 22, 2009 were submitted requesting a Part 70 operating permit.

III. Description

This facility is a typical production facility where oil, gas, and saltwater are produced through deep wells from natural gas reservoirs. Production from the wells is routed to bulk low pressure separator. During periodic well testing, production from a well is routed to a test heater treater. Gas from this separator and test heater treater is compressed and discharged to the glycol contact tower for drying prior to being sold by pipeline and used as facility fuel or for gas-lift purposes. The glycol still column is equipped with a condenser where liquids are collected in a blowcase vessel and vapors are vented to atmosphere through the vent scrubber. Liquids from the bulk low pressure separator and a portion of the fluid from Lafitte Central Facility No. 10 Tank Battery No.8 (permitted separately) along with water from the test heater treater are routed to a bulk heater treater for further separation. Oil and water from the bulk heater treater are routed to on-site tanks for storage until transferred to a sales pipeline (via electric pump) and injected downhole for disposal respectively. Oil from the test heater treater is routed to an on-site test tank until pumped to the aforementioned tank for storage. Gas from the bulk heater treater is released to atmosphere through the vent scrubber.

In this modification, Hilcorp Energy Corporation requested to add 1775 hp Caterpillar 3606 compressor engine (HLCSC1) and operate the two 2000 hp Cooper Bessemer GMVC-12 compressor engines no more than 4 hours per month each as back up units when the new Caterpillar 3606 is down for scheduled maintenance. Also the emissions were reconciled based on the updated emission factors.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	4.21	0.39	-3.82

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Lafitte Field Compressor Station TB # 5 & Camp

Agency Interest No.: 32189

Hilcorp Energy Company

Lafitte, Jefferson Parish, Louisiana

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
SO ₂	0.09	0.06	-0.03
NO _x	285.80	97.19	-188.61
CO	123.45	126.14	+2.69
VOC *	204.90	203.22	-1.68

***VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Methanol	0.17	-	-0.17
2,2,4-Trimethylpentane	0.66	0.48	-0.18
Benzene	2.72	2.65	-0.07
Ethyl benzene	0.18	0.14	-0.04
Formaldehyde	2.56	7.22	+4.66
Toluene	1.50	1.46	-0.04
Xylenes	0.77	0.74	-0.03
n-Hexane	6.14	4.64	-1.50
Total	14.70	17.33	+2.63

Other VOC (TPY): 185.89

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) does not apply.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source

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would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

Dispersion Model(s) Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})

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Lafitte, Jefferson Parish, Louisiana

VIII. General Condition XVII Activities

Work Activity	Schedule	Emission Rates - tons				
		PM ₁₀	SO ₂	NO _x	CO	VOC
Miscellaneous Sampling Procedures						<0.25
Compressor Blowdowns Associated with Regular Maintenance	4 times/month					<3.00
Pump Preparation						<0.01
Line Preparation						<0.25
Vessel Preparation						<0.20
Filter Replacement						<0.05
Instrumentation Mechanical Work						<0.10
Tank Cleaning for Inspection/Service						<0.38
Shop Work on Unit Equipment						<0.1
Safety Inspection/checks on Pressure/Vacuum Vents and Tanks						<0.1
Tank Gauging						<0.1
Purging of Loading Lines						<0.1
Valve Maintenance						<0.1

IX. Insignificant Activities

ID No.:	Description	Citation
51a-01-HT-BS	Heater Treater, 1 MM Btu/hr	LAC 33:III.501.B.5.A.5
51b-01-HT-BS	Heater Treater, 1 MM Btu/hr	LAC 33:III.501.B.5.A.5

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52-01-HT-BS	Heater Treater, 0.50 MM Btu/hr	LAC 33:III.501.B.5.A.5
53-01-HT-BS	Heater Treater, 1 MM Btu/hr	LAC 33:III.501.B.5.A.5
54a-01-HT-BS	Heater Treater, 1 MM Btu/hr	LAC 33:III.501.B.5.A.5
54b-01-HT-BS	Heater Treater, 1 MM Btu/hr	LAC 33:III.501.B.5.A.5
38-01-LOT	Lube Oil Tank, 150 gallons, <3.5 psia	LAC 33:III.501.B.5.A.2
39-01-LOT	Lube Oil Tanks (4), 160 gallons, <3.5 psia	LAC 33:III.501.B.5.A.2
029	Caisson Sump, 1200 gallons, <1.5 psia	LAC 33:III.501.B.5.A.3
33-01-ST	Antifreeze Storage Tanks (2), 500 gallons, <0.5 psia	LAC 33:III.501.B.5.A.3
35-01-GST	Glycol Storage Tank, 330 gallons, <0.5 psia	LAC 33:III.501.B.5.A.3
36-01-ST	Sump Tank, 1000 gallons, <0.5 psia	LAC 33:III.501.B.5.A.3
37-01-LOT	Lube Oil Tank, 8500 gallons, <0.5 psia	LAC 33:III.501.B.5.A.3
40-01-ST	Chemical Storage Tanks (2), 550 gallons, <0.5 psia	LAC 33:III.501.B.5.A.3
42-01-ST	Sump Tank, 1200 gallons, <0.5 psia	LAC 33:III.501.B.5.A.3
43-01-ST	Sump Tank, 1200 gallons, <0.5 psia	LAC 33:III.501.B.5.A.3
47-01-ST	Chemical Storage Tanks (5), 320 gallons, <0.5 psia	LAC 33:III.501.B.5.A.3
75-01-ST	Sump Tank, 1200 gallons, <0.5 psia	LAC 33:III.501.B.5.A.3
97-08-ST	Sump Tank, 270 gallons, <0.5 psia	LAC 33:III.501.B.5.A.3

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33.III.Chapter																			
		5▲	509	9	11	13	15	2103	2104*	2107	2111	2113	2115	2116*	21xx	22	29*	51*	53*	56	59*
EQT0001	003 - Wellhead Gas Compressor Engine, C-B GMVC-12				1	1	3														
EQT0002	004 - Wellhead Gas Compressor Engine, C-B GMVC-12				1	1	3														
EQT0003	007 - Glycol Regenerator-Burner Stack																				
EQT0004	008 - Glycol Regenerator-Still Column Condenser																				
EQT0008	19-95 - Gas Operated Pump - Chemical Injection																				
EQT0009	20-95 - Gas Operated Pump - Wilden M4																				
EQT0010	21-95 - Gas Operated Pump - Wilden M4																				
EQT0011	22-95 - Gas Operated Pump - Wilden M8																				
EQT0014	31-01-BV - Blowcase Vessel - Condensed Liquids																				
EQT0016	55-01-ICE-ES - SWD Pump Engine, Waukesha F1197G																				
EQT0017	56-01-ICE-ES - SWD Pump Engine, Waukesha F1197G																				
EQT0018	57-01-ICE-ES - Generator Engine, Waukesha F1197GU																				

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Agency Interest No.: 32189
Hilcorp Energy Company
Lafitte, Jefferson Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter																			
		5▲	509	9	11	13	15	2103	2104*	2107	2111	2113	2115	2116*	21xx	22	29*	51*	53*	56	59*
EQT0019	58-01-ICE-ES - Generator Engine, Waukesha F817G					1	1	3													
EQT0020	59a-01-DST-CV - Oil Storage Tank																				
EQT0021	59b-01-DST-CV - Oil Storage Tank																				
EQT0023	60a-01-WST-CV - Water Storage Tank																				
EQT0024	60b-01-WST-CV - Water Storage Tank																				
EQT0025	60c-01-WST-CV - Water Storage Tank																				
EQT0026	60d-01-WST-CV - Water Storage Tank																				
EQT0027	61-01-FS-V - Flare Scrubber - Vent																				
EQT0032	66-01-GOP - Gas Operated Pump - Wilden M4																				
EQT0035	69-01-GOP - Gas Operated Pump - Wilden M8																				
EQT0036	70-01-GOP - Gas Operated Pump - Wilden M8																				
EQT0037	71-01-GOP - Gas Operated Pump - Wilden M8																				
EQT0038	72-01-PC - Pneumatic Controllers																				
EQT0039	74-01-WST-V - Water Suction Tank																				
EQT0040	76-01-ICE-ES - Generator Engine, Waukesha F190S															1	1	3			

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ID No.:	Description	LAC 33:III Chapter																			
		5▲	509	9	11	13	15	2103	2104*	2107	2111	2113	2115	2116*	21xx	22	29*	51*	53*	56	59*
EQT0041	77-01-ICE-ES - Generator Engine, Waukesha f1905							1	1	3											
EQT0042	78-01-GOP - Gas Operated Pump - Wilden M8																				
EQT0044	59d-08-SOT-CV - Stop Oil Tank																				
EQT0045	60e-08-OST-CV - Oil Skimmer Tank																				
EQT0046	80-08-BV - Blowcase Vessel																				
EQT0047	81-08-GOP - Gas Operated Pump - Wilden M8																				
EQT0048	82-08-GOP - Gas Operated Pump - Wilden M8																				
EQT0049	83-08-GOP - Gas Operated Pump - Wilden M8																				
EQT0050	84-08-GOP - Gas Operated Pump - Wilden M8																				
EQT0051	85-08-GOP - Gas Operated Pump - Chemical Injection																				
EQT0052	86-08-GOP - Gas Operated Pump - Chemical Injection																				
EQT0053	87-08-GOP - Gas Operated Pump - Chemical Injection																				
EQT0054	88-08-GOP - Gas Operated Pump - Chemical Injection																				

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																			
		5▲	509	9	11	13	15	2103	2104*	2107	2111	2113	2115	2116*	21xx	22	29*	51*	53*	56	59*
EQT0055	89-08-GOP - Gas Operated Pump - Chemical Injection																				
EQT0056	90-08-GOP - Gas Operated Pump - Chemical Injection																				
EQT0057	91-08-GOP - Gas Operated Pump - Wilden M8																				
EQT0058	92-08-HT-WG - Heater Treater - Waste Gas																				
EQT0059	93-08-GRPS-RV - Glycol Pump Flash Separator																				
EQT0060	94-08-MST-V - Methanol Storage Tank															1					
EQT0061	95-08-GOP - Gas Operated Pump - Aro 3"																				
EQT0062	96-08-GOP - Gas Operated Pump - Aro 2"																				
EQT0063	HLCS1 - Compressor Engine, Caterpillar 3606															1	1	3			
FUG00	73-01-FE - Fugitive Emissions																	1			
UNF0001	AI32189 - Lafitte Field Compressor Station TB # 5 & Camp																		1	3	

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
- 2 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 3 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- Blank – The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- Blank – The regulations clearly do not apply to this type of emission source.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR			
		A	K	Ka	Kb	Db	Dc	GG	KKK	JJJ	A	M	V	A	HH	SS	HH	ZZZZ	64	68			
EQT0001	003 - Wellhead Gas Compressor Engine, C-B GMVC-12									3									3				
EQT0002	004 - Wellhead Gas Compressor Engine, C-B GMVC-12									3									3				
EQT0003	007 - Glycol Regenerator-Burner Stack																						
EQT0004	008 - Glycol Regenerator-Still Column Condenser																		2				
EQT0008	19-95 - Gas Operated Pump - Chemical Injection																						
EQT0009	20-95 - Gas Operated Pump - Wilden M4																						
EQT0010	21-95 - Gas Operated Pump - Wilden M4																						
EQT0011	22-95 - Gas Operated Pump - Wilden M8																						
EQT0014	31-01-BV - Blowcase Vessel - Condensed Liquids																						
EQT0016	55-01-ICE-ES - SWD Pump Engine, Waukesha F1197G										3								3				
EQT0017	56-01-ICE-ES - SWD Pump Engine, Waukesha F1197G										3								3				
EQT0018	57-01-ICE-ES - Generator Engine, Waukesha F1197GU										3								3				
EQT0019	58-01-ICE-ES - Generator Engine, Waukesha F817G										3								3				
EQT0020	59a-01-OST-CV - Oil Storage Tank									2													

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR			
		A	K	Ka	Kb	Db	Dc	GG	KKK	JJJ	A	M	V	A	HHI	SS	HH	ZZZZ	64	68			
EQT0021	159b-01-OST-CV - Oil Storage Tank																						
EQT0023	60a-01-WST-CV - Water Storage Tank																						
EQT0024	60b-01-WST-CV - Water Storage Tank																						
EQT0025	60c-01-WST-CV - Water Storage Tank																						
EQT0026	60d-01-WST-CV - Water Storage Tank																						
EQT0027	61-01-fS-V - Flare Scrubber - Vent																						
EQT0032	66-01-GOP - Gas Operated Pump - Wilden M-4																						
EQT0035	69-01-GOP - Gas Operated Pump - Wilden M8																						
EQT0036	70-01-GOP - Gas Operated Pump - Wilden M8																						
EQT0037	71-01-GOP - Gas Operated Pump - Wilden M8																						
EQT0038	72-01-PC - Pneumatic Controllers																						
EQT0039	74-01-WST-V - Water Suction Tank																						
EQT0040	76-01-ICE-ES - Generator Engine, Waukesha F1905																						
EQT0041	77-01-ICE-ES - Generator Engine, Waukesha F1905																						
EQT0042	78-01-GOP - Gas Operated Pump - Wilden M8																						

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ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR	
		A	K	Ka	Kb	Db	Dc	GG	KKK	JJJ	A	M	V	A	HH	SS	HH	ZZZZ	64	68	
EQT0044	59d-08-SOT-CV - Slop Oil Tank					2															
EQT0045	60e-08-OST-CV - Oil Skimmer Tank						2														
EQT0046	80-08-BV - Blowcase Vessel																				
EQT0047	81-08-GOP - Gas Operated Pump - Wilden	M8																			
EQT0048	82-08-GOP - Gas Operated Pump - Wilden	M8																			
EQT0049	83-08-GOP - Gas Operated Pump - Wilden	M8																			
EQT0050	84-08-GOP - Gas Operated Pump - Wilden	M8																			
EQT0051	85-08-GOP - Gas Operated Pump - Chemical Injection																				
EQT0052	86-08-GOP - Gas Operated Pump - Chemical Injection																				
EQT0053	87-08-GOP - Gas Operated Pump - Chemical Injection																				
EQT0054	88-08-GOP - Gas Operated Pump - Chemical Injection																				
EQT0055	89-08-GOP - Gas Operated Pump - Chemical Injection																				
EQT0056	90-08-GOP - Gas Operated Pump - Chemical Injection																				
EQT0057	91-08-GOP - Gas Operated Pump - Wilden	M8																			

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Lafitte Field Compressor Station TB # 5 & Camp
Agency Interest No.: 32189
Hillcorp Energy Company
Lafitte, Jefferson Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR	
		A	K	Ka	Kb	Db	Dc	GG	KKK	JJJ	A	M	V	A	HH	SS	HH	ZZZZ	64	68	
EQT0058	92-08-HT-WG - Heater Treater - Waste Gas																				
EQT0059	93-08-GPFS-RV - Glycol Pump Flash Separator																				
EQT0060	94-08-MST-V - Methanol Storage Tank																				
EQT0061	95-08-GOP - Gas Operated Pump - Aro 3"																				
EQT0062	96-08-GOP - Gas Operated Pump - Aro 2"																				
EQT0063	HLCSC1 - Compressor Engine, Caterpillar 3606	1												1							
FUG000	73-01-FE - Fugitive Emissions																				
UNF0001	A132189 - Lafitte Field Compressor Station TB # 5 & Camp	1																			3

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
 - 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
 - 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Lafitte Field Compressor Station TB # 5 & Camp
Agency Interest No.: 32189
Hilcorp Energy Company
Lafitte, Jefferson Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT0001,	LAC 33:III Chapter 15 - Emission Standards for Sulfur Dioxide	Does not apply. SO ₂ emissions < 5 tons/year.
EQT0002		
EQT0016,		
EQT0017		
EQT0018,	40 CFR 60 Subpart JJJ for IC engines	Does not apply. No construction/modification after the applicability date.
EQT0019		
EQT0040,	40 CFR 63 Subpart ZZZZ for IC engines	Does not apply. Existing engines that are not subject to 40 CFR 60 Subpart III.
EQT0041		
EQT0003	LAC 33:III Chapter 15 - Emission Standards for Sulfur Dioxide	Does not apply. SO ₂ emissions < 5 tons/year.
EQT0004	40 CFR 63 Subpart HH for Glycol Regenerator-Still Column Condenser	Exempt. Benzene emission <1.0 TPY.
EQT0020,	LAC 33:III 2103	Does not apply. Store condensate/crude oil prior to custody transfer.
EQT0021		
EQT0044,	40 CFR 60 Subpart K, Ka, Kb	Does not apply. Store condensate/crude oil prior to custody transfer.
EQT0045		
EQT0060	LAC 33:III 2103	Does not apply. This source is filled off-site.
EQT0063	LAC 33:III Chapter 15 - Emission Standards for Sulfur Dioxide	Does not apply. SO ₂ emissions < 5 tons/year.
UNF0001	40 CFR Part 68	Does not apply. Does not have on site any of the listed materials in amounts greater than the threshold quantities of this program.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AJ ID: 32189 Lafitte Field Compressor Station TB # 5 & Camp
Activity Number: PER20090003
Permit Number: 1340-00147-Y6
Air - Title V Regular Permit Major Mod

Also Known As:	ID	Name	User Group	Start Date
	1340-00147	CDS Number	CDS Number	06-30-1993
	LAG33A242	LPDES #	LPDES Permit #	02-16-2006
		Hilcorp Energy Co	Multimedia	06-01-2009
		Lafitte Field Compressor Station TB # 5 & Camp	Multimedia	10-18-2001
Physical Location:	8 Mi S of Lafitte, LA 70067		Main FAX: 7132692750	
Mailing Address:	PO Box 61229 Houston, TX 772081229		Main Phone: 7132092400	
Related People:	Location of Front Gate: 29.581431 latitude, -90.066222 longitude. Coordinate Method: Lat\Long. - DMS. Coordinate Datum: NAD83	Mailing Address	Phone (Type)	Relationship
	Henri Delaunay Lois Edwards Lois Edwards Thomas Shinn Jean Taylor Amy Walters Amy Walters Jerome Wenzel Jerome Wenzel	PO Box 61229 Houston, TX 722081229 PO Box 52807 Lafayette, LA 70505 PO Box 52807 Lafayette, LA 70505	7132092400 (WP) 3372370410 (WP) EDWARDSLA@STC 3372370410 (WP) taylorj@stoneenerg 3372370410 (WP) WALTERSA@STO 3372370410 (WP) wenzelj@stoneener	Responsible Official for TEDI Contact for TEDI Contact for Air Permit Contact For Emission Inventory Contact for Emission Inventory Contact for Emission Inventory Contact for Responsible Official for Responsible Official for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Hilcorp Energy Co Hilcorp Energy Co Stone Energy Corp Stone Energy Corp Stone Energy Corp	PO Box 61229 Houston, TX 772081229 PO Box 52807 Lafayette, LA 70505 PO Box 52807 Lafayette, LA 70505 PO Box 52807 Lafayette, LA 70505	7132092416 (WP) 7132092420 (WF) 7132092416 (WP) 7132092420 (WF) 7132092420 (WF) 7132092420 (WF) 7132092420 (WF) 7132092420 (WF) 7132092416 (WP) 7132092416 (WP) 3372332276 (WF) 3372370380 (WP) 3372332276 (WF)	Air Billing Party for Water Billing Party for Water Billing Party for Owns Emission Inventory Billing Party Operates Operates Air Billing Party or Emission Inventory Billing Party Owns Emission Inventory Billing Party Emission Inventory Billing Party Air Billing Party for

General Information

AJ ID: 32189 Lafitte Field Compressor Station TB # 5 & Camp
Activity Number: PER20090003
Permit Number: 1340-00147-V6
Air - Title V Regular Permit Major Mod

Related Organizations:	Name	Address	Phone (Type)	Relationship
	Stone Energy Corp	PO Box 52807 Lafayette, LA 705052807	3372370380 (WP)	Air Billing Party for
	Stone Energy Corp	PO Box 52807 Lafayette, LA 705052807	3372332276 (WF)	Water Billing Party for
	Stone Energy Corp	PO Box 52807 Lafayette, LA 705052807	3372370380 (WP)	Water Billing Party for
	Stone Energy Corp	PO Box 52807 Lafayette, LA 705052807	3372332276 (WF)	Owns
	Stone Energy Corp	PO Box 52807 Lafayette, LA 705052807	3372370380 (WP)	Owns
	Stone Energy Corp	PO Box 52807 Lafayette, LA 705052807	3372370380 (WP)	Operates
	Stone Energy Corp	PO Box 52807 Lafayette, LA 705052807	3372332276 (WF)	Operates
	Texaco Exploration & Production Inc	400 Poydras St New Orleans, LA 70130	5046801000 (WP)	Formerly operated
	Onshore Division	400 Poydras St New Orleans, LA 70130	5046801000 (WP)	Formerly owned
	Texaco Exploration & Production Inc	Onshore Division		

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit.
 Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms.
 Tommie Miliam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp
Activity Number: PER20090003
Permit Number: 1340-00147-Y6
Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Lafitte Field Compressor Station TB5 & Camp						
EQT 0001	0003 - Wellhead Gas Compressor Engine, C-B GMV/C-12		2000 horsepower	2000 horsepower		48 hr/yr
EQT 0002	0004 - Wellhead Gas Compressor Engine, C-B GMV/C-12		2000 horsepower	2000 horsepower		48 hr/yr
EQT 0003	0007 - Glycol Regenerator/Burner Stack	1 MM BTU/hr	1 MM BTU/hr	1 MM BTU/hr		8760 hr/yr
EQT 0004	0008 - Glycol Regenerator/Still Column Condenser	5475 MM scf/yr	5475 MM scf/yr	5475 MM scf/yr		8760 hr/yr
EQT 0008	19-95 - Gas Operated Pump - Chemical Injection	2.5 MM scf/yr	2.5 MM scf/yr	2.5 MM scf/yr		8760 hr/yr
EQT 0009	20-95 - Gas Operated Pump - Wilden M4	.055 MM scf/yr	.055 MM scf/yr	.055 MM scf/yr		100 hr/yr
EQT 0010	21-95 - Gas Operated Pump - Wilden M4	.688 MM scf/yr	.688 MM scf/yr	.688 MM scf/yr		100 hr/yr
EQT 0011	22-95 - Gas Operated Pump - Wilden M8	.477 MM scf/yr	.477 MM scf/yr	.477 MM scf/yr		52 hr/yr
EQT 0014	31-01-BV - Blowcase Vessel - Condensed Liquids	51824 gallons/yr	51824 gallons/yr	51824 gallons/yr		8760 hr/yr
EQT 0016	55-01-ICE-ES - SWD Pump Engine, Waukesha F1197G	208 horsepower	208 horsepower	208 horsepower		4380 hr/yr
EQT 0017	56-01-ICE-ES - SWD Pump Engine, Waukesha F1197G	208 horsepower	208 horsepower	208 horsepower		4380 hr/yr
EQT 0018	57-01-ICE-ES - Generator Engine, Waukesha F1197GU	208 horsepower	208 horsepower	208 horsepower		4380 hr/yr
EQT 0019	58-01-ICE-ES - Generator Engine, Waukesha F817G	108 horsepower	108 horsepower	108 horsepower		4380 hr/yr
EQT 0020	598-01-OST-CV - Oil Storage Tank	1000 bbl	292000 bbl/yr	292000 bbl/yr	Oil	8760 hr/yr
EQT 0021	59b-01-OST-CV - Oil Storage Tank	1000 bbl	2555 bbl/yr	2555 bbl/yr	Oil	8760 hr/yr
EQT 0023	60a-01-WST-CV - Water Storage Tank	1500 bbl	1095000 bbl/yr	1095000 bbl/yr	Water	8760 hr/yr
EQT 0024	60b-01-WST-CV - Water Storage Tank	1500 bbl	1095000 bbl/yr	1095000 bbl/yr	Water	8760 hr/yr
EQT 0025	60c-01-WST-CV - Water Storage Tank	1500 bbl	1095000 bbl/yr	1095000 bbl/yr	Water	8760 hr/yr
EQT 0026	60d-01-WST-CV - Water Storage Tank	1500 bbl	1095000 bbl/yr	1095000 bbl/yr	Water	8760 hr/yr
EQT 0027	61-01-FSV - Flare Scrubber - Vent		673 MM scf/yr	673 MM scf/yr		8760 hr/yr
EQT 0032	66-01-GOP - Gas Operated Pump - Wilden M-4		.55 MM scf/yr	.55 MM scf/yr		52 hr/yr
EQT 0035	69-01-GOP - Gas Operated Pump - Wilden M8		4.6 MM scf/yr	4.6 MM scf/yr		2200 hr/yr
EQT 0036	70-01-GOP - Gas Operated Pump - Wilden M8		.477 MM scf/yr	.477 MM scf/yr		10 hr/yr
EQT 0037	71-01-GOP - Gas Operated Pump - Wilden M8		.11 MM scf/yr	.11 MM scf/yr		10 hr/yr
EQT 0038	72-01-PC - Pneumatic Controllers		4.5 MM scf/yr	4.5 MM scf/yr		8760 hr/yr
EQT 0039	74-01-WST-V - Water Suction Tank	300 bbl	3285000 bbl/yr	3285000 bbl/yr	Water	8760 hr/yr
EQT 0040	76-01-ICE-ES - Generator Engine, Waukesha F1905		226 horsepower	226 horsepower		4380 hr/yr
EQT 0041	77-01-ICE-ES - Generator Engine, Waukesha F1905		226 horsepower	226 horsepower		4380 hr/yr
EQT 0042	78-01-GOP - Gas Operated Pump - Wilden M8		11 MM scf/yr	.11 MM scf/yr		52 hr/yr
EQT 0044	59b-08-SOT-CV - Stop Oil Tank	500 bbl	1825 bbl/yr	1825 bbl/yr		8760 hr/yr
EQT 0045	60e-08-OST-CV - Oil Skimmer Tank	530 gallons	3285 bbl/yr	3285 bbl/yr		8760 hr/yr
EQT 0046	80-08-BV - Blowcase Vessel		500 gallons/yr	500 gallons/yr		8760 hr/yr
EQT 0047	81-08-GOP - Gas Operated Pump - Wilden M8		.477 MM scf/yr	.477 MM scf/yr		52 hr/yr
EQT 0048	82-08-GOP - Gas Operated Pump - Wilden M8		.477 MM scf/yr	.477 MM scf/yr		52 hr/yr
EQT 0049	83-08-GOP - Gas Operated Pump - Wilden M8		.477 MM scf/yr	.477 MM scf/yr		52 hr/yr
EQT 0050	84-08-GOP - Gas Operated Pump - Wilden M8		3.2 MM scf/yr	3.2 MM scf/yr		350 hr/yr
EQT 0051	85-08-GOP - Gas Operated Pump - Chemical Injection		.581 MM scf/yr	.581 MM scf/yr		8760 hr/yr
EQT 0052	86-08-GOP - Gas Operated Pump - Chemical Injection		.581 MM scf/yr	.581 MM scf/yr		8760 hr/yr
EQT 0053	87-08-GOP - Gas Operated Pump - Chemical Injection		.581 MM scf/yr	.581 MM scf/yr		8760 hr/yr

INVENTORIES

AID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp
 Activity Number: PER20090003
 Permit Number: 1340-00147-V6
 Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Lafitte Field Compressor Station TB 5 & Camp						
EQT 0054	188-08-GOP - Gas Operated Pump - Chemical Injection		66.33 scf/hr	66.33 scf/hr		8760 hr/yr
EQT 0055	90-08-GOP - Gas Operated Pump - Chemical Injection		66.33 scf/hr	66.33 scf/hr		8760 hr/yr
EQT 0056	90-08-GOP - Gas Operated Pump - Chemical Injection		285.4 scf/hr	285.4 scf/hr		8760 hr/yr
EQT 0057	91-08-GOP - Gas Operated Pump - Wilden M8		.477 MM scf/yr	.477 MM scf/yr		52 hr/yr
EQT 0058	92-08-HT-WG - Heater Treater - Waste Gas		.165 MM scf/yr	.165 MM scf/yr		8760 hr/yr
EQT 0059	93-08-GFPS-RV - Glycol Pump Flash Separator		.51 MM scf/yr	.51 MM scf/yr		8760 hr/yr
EQT 0060	94-08-MST-V - Methanol Storage Tank	525 gallons	2000 gallons/yr	2000 gallons/yr		8760 hr/yr
EQT 0061	95-08-GOP - Gas Operated Pump - Aro 3"		.041 MM scf/yr	.041 MM scf/yr		3 hr/yr
EQT 0062	96-08-GOP - Gas Operated Pump - Aro 2"		.557 MM scf/yr	.557 MM scf/yr		52 hr/yr
EQT 0063	HLCSC1 - Compressor Engine - Cal 3606 1775 HP		12.03675 MM BTU/hr	12.03675 MM BTU/hr		8760 hr/yr
FUG 0002	713-01-FE - Fugitive Emissions					8760 hr/yr
Stack Information:						
ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)
Lafitte Field Compressor Station TB 5 & Camp						
EQT 0001	003 - Wellhead Gas Compressor Engine, C-B GMVC-12	106	20000	2		15
EQT 0002	004 - Wellhead Gas Compressor Engine, C-B GMVC-12	106	20000	2		15
EQT 0003	007 - Glycol Regenerator-Burner Stack	9.3	440	1		25
EQT 0004	008 - Glycol Regenerator-Still Column Condenser	.2	.4	.2		8
EQT 0008	19-95 - Gas Operated Pump - Chemical Injection	255	4.8	.02		70
EQT 0009	20-95 - Gas Operated Pump - Wilden M4	451	76	.06		2
EQT 0010	21-95 - Gas Operated Pump - Wilden M4	451	76	.06		2
EQT 0011	22-95 - Gas Operated Pump - Wilden M8	901	153	.06		2
EQT 0014	31-01-BV - Blowcase Vessel - Condensed Liquids	6	.1	.02		2
EOT 0016	55-01-CE-ES - SWD Pump Engine, Waukesha F119TG	221	936	.3		18
EOT 0017	56-01-CE-ES - SWD Pump Engine, Waukesha F119TG	221	936	.3		18
EQT 0018	57-01-CE-ES - Generator Engine, Waukesha F119TG	221	936	.3		12
EQT 0019	58-01-CE-ES - Generator Engine, Waukesha F817G	115	486	.3		12
EOT 0020	59a-01-OST-CV - Oil Storage Tank	2	2.3	.2		19
EOT 0021	59b-01-OST-CV - Oil Storage Tank	1	.2			19
EOT 0023	60a-01-WST-CV - Water Storage Tank	1	12	.2		19
EOT 0024	60b-01-WST-CV - Water Storage Tank	1	12	.2		19
EOT 0025	60c-01-WST-CV - Water Storage Tank	1	12	.2		19

INVENTORIES

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp
 Activity Number: PER20090003
 Permit Number: 1340-00147-V6
 Air - Title V Regular Permit Major Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Lafitte Field Compressor Station TB5 & Camp							
EQT 0026	60d-01-WST-CV - Water Storage Tank	.01	.1	.2	.19	19	70
EQT 0027	61-01-FS-V - Flare Scrubber - Vent	.3	1.3	.3	.15	15	70
EQT 0032	66-01-GOP - Gas Operated Pump - Wilden M-4	.451	.76	.06	.2	2	70
EQT 0035	69-01-GOP - Gas Operated Pump - Wilden M8	.901	153	.06	.2	2	70
EQT 0036	70-01-GOP - Gas Operated Pump - Wilden M8	.901	153	.06	.2	2	70
EQT 0037	71-01-GOP - Gas Operated Pump - Wilden M8	.901	153	.06	.2	2	70
EQT 0038	72-01-PC - Pneumatic Controllers	8	35	.3	.30	30	70
EQT 0039	74-01-WST-V - Water Suction Tank	240	1017	.3	.15	15	1000
EQT 0040	76-01-ICE-ES - Generator Engine, Waukesha F1905	240	1017	.3	.15	15	1000
EQT 0041	77-01-ICE-ES - Generator Engine, Waukesha F1905	901	153	.06	.2	2	70
EQT 0042	78-01-GOP - Gas Operated Pump - Wilden M8	2	.03	.2	.19	19	70
EQT 0044	59d-08-SOT-CV - Slop Oil Tank	.01	.04	.2	.19	19	70
EQT 0045	60e-08-OST-CV - Oil Skimmer Tank	6	.1	.3	.5	5	70
EQT 0046	80-08-BV - Blowcase Vessel	901	153	.06	.2	2	70
EQT 0047	81-08-GOP - Gas Operated Pump - Wilden M8	901	153	.06	.2	2	70
EQT 0048	82-08-GOP - Gas Operated Pump - Wilden M8	901	153	.06	.2	2	70
EQT 0049	83-08-GOP - Gas Operated Pump - Wilden M8	901	153	.06	.2	2	70
EQT 0050	84-08-GOP - Gas Operated Pump - Wilden M8	901	153	.06	.2	2	70
EQT 0051	85-08-GOP - Gas Operated Pump - Chemical Injection	59	1.1	.02	.2	2	70
EQT 0052	86-08-GOP - Gas Operated Pump - Chemical Injection	59	1.1	.02	.2	2	70
EQT 0053	87-08-GOP - Gas Operated Pump - Chemical Injection	59	1.1	.02	.2	2	70
EQT 0054	88-08-GOP - Gas Operated Pump - Chemical Injection	59	1.1	.02	.2	2	70
EQT 0055	89-08-GOP - Gas Operated Pump - Chemical Injection	59	1.1	.02	.2	2	70
EQT 0056	90-08-GOP - Gas Operated Pump - Chemical Injection	255	4.8	.02	.2	2	70
EQT 0057	91-08-GOP - Gas Operated Pump - Wilden M8	901	153	.06	.2	2	70
EQT 0060	94-08-MST-V - Methanol Storage Tank			.2	.10	10	70
EQT 0061	95-08-GOP - Gas Operated Pump - Aro 3"	1350	229	.06	.2	2	70
EQT 0062	96-08-GOP - Gas Operated Pump - Aro 2"	1049	178	.06	.2	2	70
EQT 0063	HLCSC1 - Compressor Engine - Cat 3506 1775 HP	253.14	12004	1	.15	15	867
FUG 0002	73-01-FE - Fugitive Emissions						70
GRP 0002	CAP1 - Compressor Engine Cap and Common Requirements	106	20000	2	.15	500	
GRP 0003	CAP2 - SWD Pump Engine Cap and Common Requirements	221	936	.3	.18	1000	

INVENTORIES

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp
 Activity Number: PER20090003
 Permit Number: 1340-00147-V6
 Air - Title V Regular Permit Major Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Lafitte Field Compressor Station TB5 & Camp							
GRP 0004	CAP3 - Generator Engine Cap and Common Requirements	221	936	.3		12	1000
GRP 0005	CAP4 - Generator Engine Cap and Common Requirements	240	1017	.3		15	1000

Relationships:

ID	Description	Vents to	Relationship	ID	Description
EQT 0058	92-08-HT-WG - Heater Treater - Waste Gas	Vents to	EQT 0027	B1-01-FS-V - Flare Scrubber - Vent	
EQT 0059	93-08-GPF-S-RV - Glycol Pump Flash Separator	Vents to	EQT 0027	B1-01-FS-V - Flare Scrubber - Vent	

Subject Item Groups:

ID	Group Type	Group Description	Group Description
GRP 0002	Equipment Group	CAP1 - Compressor Engine Cap and Common Requirements	
GRP 0003	Equipment Group	CAP2 - SWD Pump Engine Cap and Common Requirements	
GRP 0004	Equipment Group	CAP3 - Generator Engine Cap and Common Requirements	
GRP 0005	Equipment Group	CAP4 - Generator Engine Cap and Common Requirements	
UNF 0001	Unit or Facility Wide	AI32189 - Lafitte Field Compressor Station TB5 & Camp	

Group Membership:

ID	Description	Member of Groups
EQT 0001	003 - Wellhead Gas Compressor Engine, C-B GMVC-12	GRP0000000002
EQT 0002	004 - Wellhead Gas Compressor Engine, C-B GMVC-12	GRP0000000002
EQT 0016	55-01-ICE-ES - SWD Pump Engine, Waukesha F1197G	GRP0000000003
EQT 0017	56-01-ICE-ES - SWD Pump Engine, Waukesha F1197G	GRP0000000003
EQT 0018	57-01-ICE-ES - Generator Engine, Waukesha F1197GU	GRP0000000004
EQT 0019	58-01-ICE-ES - Generator Engine, Waukesha F817G	GRP0000000004
EQT 0040	76-01-ICE-ES - Generator Engine, Waukesha F1905	GRP0000000005
EQT 0041	77-01-ICE-ES - Generator Engine, Waukesha F1905	GRP0000000005

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source (Source)	Multipier	Units Of Measure
0042	0042 Crude Oil and Natural Gas Production (250 T/Yr to 500 T/Yr)	1	UNF 001

SIC Codes:

1311	Crude petroleum and natural gas	UNF 001
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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp

Activity Number: PER20090003

Permit Number: 1340-00147-V6

Air - Title V Regular Permit Major Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Lafitte Field Compressor Station TB5 & Camp															
EQT 0001 003	9.25			46.26			0.88			0.06					2.76
EQT 0002 004	9.25			46.26			0.88			0.06					2.76
EQT 0003 007	0.11	0.11		0.46	0.13		0.55	0.01		0.04			0.01	0.01	0.03
EQT 0004 008													1.31	1.31	5.75
EQT 0008 19-95													1.19	1.19	5.19
EQT 0009 20-95													18.89	18.89	0.11
EQT 0010 21-95													18.89	18.89	1.42
EQT 0011 22-95													37.77	37.77	0.98
EQT 0014 31-01-BV													0.03	0.03	0.12
EQT 0016 55-01-ICE-ES	8.03			8.03			0.02			<0.01					0.15
EQT 0017 56-01-ICE-ES	8.03			8.03			0.02			<0.01					0.15
EQT 0018 57-01-ICE-ES	8.03			8.03			0.02			<0.01					0.15
EQT 0019 58-01-ICE-ES	3.87			3.87			0.01			<0.01					0.08
EQT 0020 59-01-OST-CV													9.54	9.54	41.77
EQT 0021 59b-01-OST-CV													1.05	21.60	4.63
EQT 0023 60a-01-WST-CV													3.30	3.30	14.47
EQT 0024 60b-01-WST-CV													3.30	3.30	14.47
EQT 0025 59c-01-WST-CV													3.30	3.30	14.47
EQT 0026 60a-01-WST-CV													0.37	0.37	1.61
EQT 0027 61-01-FS-V													0.42	0.42	1.85
EQT 0032 62-01-GOP													18.89	18.89	0.11
EQT 0035 63-01-GOP													37.77	37.77	9.44
EQT 0036 70-01-GOP													37.77	37.77	0.98

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp

Activity Number: PER20090003

Permit Number: 1340-00147-V6

Air - Title V Regular Permit Major Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Lafitte Field Compressor Station TB5 & Camp															
EQT 0037 71-01-GOP															
EQT 0038 72-01-PC															
EQT 0039 74-01-WST-V															
EQT 0040 76-01-CE-ES															
EQT 0041 77-01-CE-EB	7.47	7.47	7.47	0.02	<0.01		0.02	<0.01		0.16	0.16		0.16	0.16	
EQT 0042 78-01-GOP															
EQT 0044 89-08-SOT-CV															
EQT 0045 80-08-OST-CV															
EQT 0046 80-08-BV															
EQT 0047 81-08-GOP															
EQT 0048 82-08-GOP															
EQT 0049 83-08-GOP															
EQT 0050 84-08-GOP															
EQT 0051 85-08-GOP															
EQT 0052 86-08-GOP															
EQT 0053 87-08-GOP															
EQT 0054 88-08-GOP															
EQT 0055 89-08-GOP															
EQT 0056 90-08-GOP															
EQT 0057 91-08-GOP															
EQT 0060 94-08-WST-V															
EQT 0061 95-08-GOP															
EQT 0062 96-08-GOP															

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp

Activity Number: PER20090003

Permit Number: 1340-00147-Y6

Air - Title V Regular Permit Major Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Lafitte Field Compressor Station TB5 & Camp															
EQT 0063 HLCSC1	9.77	9.77	42.81	2.74	2.74	11.99				0.01	0.01	0.03	2.35	2.35	10.27
FUG 0002 73-01-FE													0.45	0.45	1.94
GRP 0002 CAP1	18.50		0.44	92.52		2.22	1.76		0.04	0.06		<0.01	5.52		0.14
GRP 0003 CAP2	6.42		28.12	6.42		28.12	0.02		0.10	<0.01		0.01	0.12		0.53
GRP 0004 CAP3	6.42		28.12	6.42		28.12	0.02		0.10	<0.01		0.01	0.12		0.53
GRP 0005 CAP4	5.98		26.19	5.98		26.19	0.02		0.11	<0.01		0.01	0.13		0.58

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp

Activity Number: PER20090003

Permit Number: 1340-00147-V6

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0001 003	2,2,4-Trimethylpentane		0.03	
	Benzene		0.01	
	Ethyl benzene		<0.01	
	Formaldehyde		1.27	
	Methanol		0.03	
	Toluene		0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0002 004	2,2,4-Trimethylpentane		0.03	
	Acetaldehyde		<0.01	
	Benzene		0.01	
	Ethyl benzene		<0.01	
	Formaldehyde		1.27	
	Methanol		0.03	
	Toluene		0.01	
	Xylene (mixed isomers)		<0.01	
EQT 0003 007	n-Hexane	<0.01	<0.01	<0.01
	2,2,4-Trimethylpentane	<0.01	<0.01	<0.01
EQT 0004 008	Benzene	0.21	0.21	0.91
	Ethyl benzene	0.01	0.01	0.04
	Toluene	0.09	0.09	0.38
	Xylene (mixed isomers)	0.03	0.03	0.14
	n-Hexane	0.03	0.03	0.13
	2,2,4-Trimethylpentane	<0.01	<0.01	<0.01
EQT 0008 19-95	Benzene	0.01	0.01	0.04
	Ethyl benzene	<0.01	<0.01	0.01
	Toluene	0.01	0.01	0.03
	Xylene (mixed isomers)	0.01	0.01	0.02
	n-Hexane	0.03	0.03	0.13
	2,2,4-Trimethylpentane	0.06	0.06	<0.01
EQT 0009 20-95	Benzene	0.15	0.15	<0.01
	Ethyl benzene	0.02	0.02	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp

Activity Number: PER20090003

Permit Number: 1340-00147-V6

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0009 20-95	Toluene	0.13	0.13	<0.01
	Xylene (mixed isomers)	0.09	0.09	<0.01
	n-Hexane	0.47	0.47	<0.01
EQT 0010 21-95	2,2,4-Trimethylpentane	0.06	0.06	<0.01
	Benzene	0.15	0.15	<0.01
	Ethyl benzene	0.02	0.02	<0.01
	Toluene	0.13	0.13	0.01
	Xylene (mixed isomers)	0.09	0.09	0.01
	n-Hexane	0.47	0.47	0.04
EQT 0011 22-95	2,2,4-Trimethylpentane	0.12	0.12	<0.01
	Benzene	0.30	0.30	0.01
	Ethyl benzene	0.04	0.04	<0.01
	Toluene	0.25	0.25	0.01
	Xylene (mixed isomers)	0.18	0.18	<0.01
	n-Hexane	0.94	0.94	0.02
EQT 0016 55-01-ICE-ES	Benzene		0.01	
	Formaldehyde		0.02	
	Methanol		<0.01	
	Toluene		<0.01	
EQT 0017 56-01-ICE-ES	Benzene		0.01	
	Formaldehyde		0.02	
	Methanol		<0.01	
	Toluene		<0.01	
EQT 0018 57-01-ICE-ES	Benzene		0.01	
	Formaldehyde		0.02	
	Methanol		<0.01	
	Toluene		<0.01	
EQT 0019 58-01-ICE-ES	Benzene		0.01	
	Formaldehyde		0.01	
EQT 0020 59a-01-OST-CV	2,2,4-Trimethylpentane	0.03	0.03	0.14
	Benzene	0.14	0.14	0.59
	Ethyl benzene	<0.01	<0.01	0.01
	Toluene	0.03	0.03	0.14

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp

Activity Number: PER20090003

Permit Number: 1340-00147-V6

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0020 59a-01-OST-CV	Xylene (mixed isomers)	<0.01	<0.01	<0.01
	n-Hexane	0.45	0.45	1.95
EQT 0021 59b-01-OST-CV	2,2,4-Trimethylpentane	<0.01	0.02	<0.01
	Benzene	0.01	0.14	0.02
	Ethyl benzene	<0.01	0.01	<0.01
	Toluene	<0.01	0.06	0.01
	Xylene (mixed isomers)	<0.01	0.01	<0.01
	n-Hexane	0.03	0.20	0.15
EQT 0023 60a-01-WST-CV	2,2,4-Trimethylpentane	0.01	0.01	0.04
	Benzene	0.02	0.02	0.10
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.02	0.02	0.09
	Xylene (mixed isomers)	0.01	0.01	0.06
	n-Hexane	0.11	0.11	0.47
EQT 0024 60b-01-WST-CV	2,2,4-Trimethylpentane	0.01	0.01	0.04
	Benzene	0.02	0.02	0.10
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.02	0.02	0.09
	Xylene (mixed isomers)	0.01	0.01	0.06
	n-Hexane	0.11	0.11	0.47
EQT 0025 60c-01-WST-CV	2,2,4-Trimethylpentane	0.01	0.01	0.04
	Benzene	0.02	0.02	0.10
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.02	0.02	0.09
	Xylene (mixed isomers)	0.01	0.01	0.06
	n-Hexane	0.11	0.11	0.47
EQT 0026 60d-01-WST-CV	n-Hexane	0.03	0.03	0.14
EQT 0027 61-01-FS-V	Toluene	<0.01	<0.01	0.01
	n-Hexane	0.01	0.01	0.03
EQT 0032 66-01-GOP	2,2,4-Trimethylpentane	0.06	0.06	<0.01
	Benzene	0.15	0.15	<0.01
	Ethyl benzene	0.02	0.02	<0.01
	Toluene	0.13	0.13	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp

Activity Number: PER20090003

Permit Number: 1340-00147-V6

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0032 66-01-GOP	Xylene (mixed isomers)	0.09	0.09	<0.01
	n-Hexane	0.47	0.47	<0.01
EQT 0035 69-01-GOP	2,2,4-Trimethylpentane	0.12	0.12	0.03
	Benzene	0.30	0.30	0.07
	Ethyl benzene	0.04	0.04	0.01
	Toluene	0.25	0.25	0.06
	Xylene (mixed isomers)	0.18	0.18	0.05
	n-Hexane	0.94	0.94	0.24
EQT 0036 70-01-GOP	2,2,4-Trimethylpentane	0.12	0.12	<0.01
	Benzene	0.30	0.30	0.01
	Ethyl benzene	0.04	0.04	<0.01
	Toluene	0.25	0.25	0.01
	Xylene (mixed isomers)	0.18	0.18	<0.01
	n-Hexane	0.94	0.94	0.02
EQT 0037 71-01-GOP	2,2,4-Trimethylpentane	0.12	0.12	<0.01
	Benzene	0.30	0.30	<0.01
	Ethyl benzene	0.04	0.04	<0.01
	Toluene	0.25	0.25	<0.01
	Xylene (mixed isomers)	0.18	0.18	<0.01
	n-Hexane	0.94	0.94	0.01
EQT 0038 72-01-PC	2,2,4-Trimethylpentane	0.01	0.01	0.03
	Benzene	0.02	0.02	0.07
	Ethyl benzene	<0.01	<0.01	0.01
	Toluene	0.01	0.01	0.06
	Xylene (mixed isomers)	0.01	0.01	0.04
	n-Hexane	0.05	0.05	0.23
EQT 0039 74-01-WST-V	2,2,4-Trimethylpentane	0.03	0.03	0.12
	Benzene	0.07	0.07	0.30
	Ethyl benzene	0.01	0.01	0.04
	Toluene	0.06	0.06	0.25
	Xylene (mixed isomers)	0.04	0.04	0.18
	n-Hexane	0.22	0.22	0.97
EQT 0040 76-01-ICE-ES	Benzene		0.01	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp****Activity Number: PER20090003****Permit Number: 1340-00147-V6****Air - Title V Regular Permit Major Mod**

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0040 76-01-CE-ES	Formaldehyde		0.02	
EQT 0041 77-01-ICE-ES	Benzene		0.01	
	Formaldehyde		0.02	
EQT 0042 78-01-GOP	2,2,4-Trimethylpentane	0.12	0.12	<0.01
	Benzene	0.30	0.30	<0.01
	Ethyl benzene	0.04	0.04	<0.01
	Toluene	0.25	0.25	<0.01
	Xylene (mixed isomers)	0.18	0.18	<0.01
	n-Hexane	0.94	0.94	0.01
EQT 0044 59s-08-SOT-CV	n-Hexane	0.02	0.02	0.07
EQT 0045 60s-08-OST-CV	n-Hexane	<0.01	<0.01	0.01
EQT 0047 81-08-GOP	2,2,4-Trimethylpentane	0.12	0.12	<0.01
	Benzene	0.30	0.30	0.01
	Ethyl benzene	0.04	0.04	<0.01
	Toluene	0.25	0.25	0.01
	Xylene (mixed isomers)	0.18	0.18	<0.01
	n-Hexane	0.94	0.94	0.02
EQT 0048 82-08-GOP	2,2,4-Trimethylpentane	0.12	0.12	<0.01
	Benzene	0.30	0.30	0.01
	Ethyl benzene	0.04	0.04	<0.01
	Toluene	0.25	0.25	0.01
	Xylene (mixed isomers)	0.18	0.18	<0.01
	n-Hexane	0.94	0.94	0.02
EQT 0049 83-08-GOP	2,2,4-Trimethylpentane	0.12	0.12	<0.01
	Benzene	0.30	0.30	0.01
	Ethyl benzene	0.04	0.04	<0.01
	Toluene	0.25	0.25	0.01
	Xylene (mixed isomers)	0.18	0.18	<0.01
	n-Hexane	0.94	0.94	0.02
EQT 0050 84-08-GOP	2,2,4-Trimethylpentane	0.12	0.12	0.02
	Benzene	0.30	0.30	0.05
	Ethyl benzene	0.04	0.04	0.01
	Toluene	0.25	0.25	0.04

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp

Activity Number: PER20090003

Permit Number: 1340-00147-V6

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0050 84-08-GOP	Xylene (mixed isomers)	0.18	0.18	0.03
	n-Hexane	0.94	0.94	0.17
EQT 0051 85-08-GOP	Benzene	<0.01	<0.01	0.01
	Toluene	<0.01	<0.01	0.01
	Xylene (mixed isomers)	<0.01	<0.01	0.01
	n-Hexane	0.01	0.01	0.03
EQT 0052 86-08-GOP	Benzene	<0.01	<0.01	0.01
	Toluene	<0.01	<0.01	0.01
	Xylene (mixed isomers)	<0.01	<0.01	0.01
	n-Hexane	0.01	0.01	0.03
EQT 0053 87-08-GOP	Benzene	<0.01	<0.01	0.01
	Toluene	<0.01	<0.01	0.01
	Xylene (mixed isomers)	<0.01	<0.01	0.01
	n-Hexane	0.01	0.01	0.03
EQT 0054 88-08-GOP	Benzene	<0.01	<0.01	0.01
	Toluene	<0.01	<0.01	0.01
	Xylene (mixed isomers)	<0.01	<0.01	0.01
	n-Hexane	0.01	0.01	0.03
EQT 0055 89-08-GOP	Benzene	<0.01	<0.01	0.01
	Toluene	<0.01	<0.01	0.01
	Xylene (mixed isomers)	<0.01	<0.01	0.01
	n-Hexane	0.01	0.01	0.03
EQT 0056 90-08-GOP	2,2,4-Trimethylpentane	<0.01	<0.01	0.02
	Benzene	0.01	0.01	0.04
	Ethyl benzene	<0.01	<0.01	0.01
	Toluene	0.01	0.01	0.03
EQT 0057 91-08-GOP	Xylene (mixed isomers)	0.01	0.01	0.02
	n-Hexane	0.03	0.03	0.13
	2,2,4-Trimethylpentane	0.12	0.12	<0.01
	Benzene	0.30	0.30	0.01
	Ethyl benzene	0.04	0.04	<0.01
	Toluene	0.25	0.25	0.01
	Xylene (mixed isomers)	0.18	0.18	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp

Activity Number: PER20090003

Permit Number: 1340-00147-V6

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0057 91-08-GOP	n-Hexane	0.94	0.94	0.02
EQT 0060 94-08-MST-V	Methanol	<0.01	<0.01	<0.01
EQT 0061 95-08-GOP	2,2,4-Trimethylpentane	0.18	0.18	<0.01
	Benzene	0.44	0.44	<0.01
	Ethyl benzene	0.07	0.07	<0.01
	Toluene	0.38	0.38	<0.01
	Xylene (mixed isomers)	0.27	0.27	<0.01
	n-Hexane	1.41	1.41	<0.01
EQT 0062 96-08-GOP	2,2,4-Trimethylpentane	0.14	0.14	<0.01
	Benzene	0.34	0.34	0.01
	Ethyl benzene	0.05	0.05	<0.01
	Toluene	0.29	0.29	0.01
	Xylene (mixed isomers)	0.21	0.21	0.01
	n-Hexane	1.10	1.10	0.03
EQT 0063 HLCSC1	Formaldehyde	1.56	1.56	6.85
FUG 0002 73-01-FE	Benzene	<0.01	<0.01	0.01
	Toluene	<0.01	<0.01	0.01
	Xylene (mixed isomers)	<0.01	<0.01	0.01
	n-Hexane	<0.01	<0.01	0.02
GRP 0002 CAP1	Formaldehyde	2.54		0.06
GRP 0003 CAP2	Benzene	0.01		0.04
	Formaldehyde	0.02		0.10
	Methanol	<0.01		<0.01
	Toluene	<0.01		0.01
GRP 0004 CAP3	Benzene	0.01		0.04
	Formaldehyde	0.02		0.10
	Methanol	<0.01		<0.01
	Toluene	<0.01		0.01
GRP 0005 CAP4	Benzene	0.01		0.05
	Formaldehyde	0.02		0.11
	Methanol	<0.01		<0.01
	Toluene	<0.01		0.02
UNF 0001 AI32189	2,2,4-Trimethylpentane			0.48

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp

Activity Number: PER20090003

Permit Number: 1340-00147-V6

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 AI32189	Benzene			2.65
	Ethyl benzene			0.14
	Formaldehyde			7.22
	Methanol			<0.01
	Toluene			1.46
	Xylene (mixed isomers)			0.74
	n-Hexane			4.64

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp

Activity Number: PER20090003

Permit Number: 1340-00147-V6

Air - Title V Regular Permit Major Mod

EQT 0003 007 - Glycol Regenerator-Burner Stack

- 1 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified

- 2 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified

EQT 0004 008 - Glycol Regenerator-Still Column Condenser

- 3 [40 CFR 63.760(e)] Maintain records as specified in 40 CFR 63.10(b)(3). Subpart HH. [40 CFR 63.760(e)]
Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information specified in 40 CFR 63.774(d)(1)(i) or (d)(1)(ii), as applicable. Subpart HH. [40 CFR 63.774(d)]
VOC, Total >= 70 % reduction using a control device. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D.
Which Months: All Year Statistical Basis: None specified
Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate.
Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1.

EQT 0060 94-08-MST-V - Methanol Storage Tank

- 8 [LAC 33:III.2103.A] Equip with a submerged fill pipe.
Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0063 HLCSC1 - Compressor Engine - Cat 3606 1775 HP

- 11 [40 CFR 60.4233(e)] Carbon monoxide <= 4.0 g/BHP-hr (0.0088 lb/HP-hr; 540 ppmvd at 15% O2). Subpart JJJ. [40 CFR 60.4233(e)]
Which Months: All Year Statistical Basis: None specified
(Excluding formaldehyde) VOC, Total <= 1.0 g/BHP-hr (0.0022 lb/HP-hr; 86 ppmvd at 15% O2). Subpart JJJ. [40 CFR 60.4233(e)]
Which Months: All Year Statistical Basis: None specified
Nitrogen oxides <= 2.0 g/BHP-hr (0.0044 lb/HP-hr; 160 ppmvd at 15% O2). Subpart JJJ. [40 CFR 60.4233(e)]
Which Months: All Year Statistical Basis: None specified
Operate and maintain stationary SI ICE to achieve the emission standards as required in 40 CFR 60.4233 over the entire life of the engine.
Subpart JJJ.
Ensure that the engine is maintained and operated to the extent practicable in a manner consistent with good air pollution control practice for minimizing emissions. Subpart JJJ. [40 CFR 60.4243(b)(2)]

SPECIFIC REQUIREMENTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp
Activity Number: PER20090003
Permit Number: 1340-00147-V6
Air - Title V Regular Permit Major Mod

EQT 0063 HLCSC1 - Compressor Engine - Cat 3606 1775 HP

- 16 [40 CFR 60.4243(b)(2)] Conduct an initial performance test. Conduct subsequent performance testing every 8,760 hours or 3 years, whichever comes first, thereafter to demonstrate compliance, if the engine is greater than 500 HP. Subpart JJJ. [40 CFR 60.4243(b)(2)]
- 17 [40 CFR 60.4243(b)(2)] Demonstrate compliance with the emission standards specified in 40 CFR 60.4233(d) or (e) according to the requirements specified in 40 CFR 60.4244, as applicable. Subpart JJJ. [40 CFR 60.4243(b)(2)]
- 18 [40 CFR 60.4243(e)] Operate using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations. Keep records of such use. If propane is used for more than 100 hours per year and the engine is not certified to the emission standards when using propane, conduct a performance test to demonstrate compliance with the emission standards of 40 CFR 60.4233. Subpart JJJ. [40 CFR 60.4243(e)]
- 19 [40 CFR 60.4243(g)] Air-to-fuel ratio controller: Maintain and operate appropriately in order to ensure proper operation of the engine and control device to minimize emissions at all times. Subpart JJJ. [40 CFR 60.4243(g)]
- 20 [40 CFR 60.4244] Conduct performance tests by following the procedures in 40 CFR 60.4244(a) through (g). Subpart JJJJ.
- 21 [40 CFR 60.4245(a)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information in 40 CFR 60.4245(a)(1) through (a)(4). Subpart JJJ. [40 CFR 60.4245(a)]
- 22 [40 CFR 60.4245(c)] Submit an initial notification as required in 40 CFR 60.7(a)(1). Include the information in 40 CFR 60.4245(c)(1) through (c)(5). Subpart JJJ.
- 23 [40 CFR 60.4245(d)] Submit performance test results: Due within 60 days after each test conducted according to 40 CFR 60.4244 has been completed. Subpart JJJ.
- 24 [40 CFR 63.6590(c)] [LAC 33:III.1101.B] Meet the requirements of 40 CFR 60 Subpart JJJ for spark ignition engines. Subpart ZZZZ. [40 CFR 63.6590(c)]
- 25 [LAC 33:III.1101.C] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- Which Months: All Year Statistical Basis: None specified
- 26 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- Which Months: All Year Statistical Basis: Six-minute average

FUG 0002 73-01-FE - Fugitive Emissions

- 27 [LAC 33:II.2111] Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

GRP 0002 CAP1 - Compressor Engine Cap and Common Requirements

Group Members: EQT 0001EQT 0002

- 28 [LAC 33:II.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp
Activity Number: PER20090003
Permit Number: 1340-00147-Y6
Air - Title V Regular Permit Major Mod

GRP 0002 CAP1 - Compressor Engine Cap and Common Requirements

- 29 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: Six-minute average
 Submit report: Due annually, by the 31st of March. Report the operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [state only].
- 30 [LAC 33:III.501.C.6] Operating time monitored by technically sound method continuously. [state only].
 Which Months: All Year Statistical Basis: None specified
 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel. [state only].
- 31 [LAC 33:III.501.C.6] Operating time <= 48 hr/yr each for a total of 96 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period. [state only].
 Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum

GRP 0003 CAP2 - SWD Pump Engine Cap and Common Requirements

Group Members: EQT 0016EQT 0017

- 34 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: Six-minute average
 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel. [state only].
- 35 [LAC 33:III.1311.C] Operating time monitored by technically sound method continuously. [state only].
 Which Months: All Year Statistical Basis: None specified
 Operating time <= 4380 hr/yr each for a total of 8760 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period. [state only].
 Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum
 Submit report: Due annually, by the 31st of March. Report the operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [state only].

GRP 0004 CAP3 - Generator Engine Cap and Common Requirements

SPECIFIC REQUIREMENTS

AJ ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp
Activity Number: PER20090003
Permit Number: 1340-00147-V6
Air - Title V Regular Permit Major Mod

GRP 0004 CAP3 - Generator Engine Cap and Common Requirements

Group Members: EQT 0018EQT 0019

- 40 [LAC 33:II.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
- 41 [LAC 33:II.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: Six-minute average
 Operating time <= 4380 hr/yr each for a total of 8760 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period. [state only].
- 42 [LAC 33:II.1311.C.6] Which Months: All Year Statistical Basis: Six-minute average
 Submit report: Due annually, by the 31st of March. Report the operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [state only].
- 43 [LAC 33:II.1501.C.6] Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum
 Submit report: Due annually, by the 31st of March. Report the operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [state only].
- 44 [LAC 33:II.1501.C.6] Operating time monitored by technically sound method continuously. [state only].
 Which Months: All Year Statistical Basis: None specified
- 45 [LAC 33:II.1501.C.6] Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel. [state only].

GRP 0005 CAP4 - Generator Engine Cap and Common Requirements

Group Members: EQT 0040EQT 0041

- 46 [LAC 33:II.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
- 47 [LAC 33:II.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: Six-minute average
 Submit report: Due annually, by the 31st of March. Report the operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [state only].
- 48 [LAC 33:II.1501.C.6] Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel. [state only].
- 49 [LAC 33:II.1501.C.6] Operating time monitored by technically sound method continuously. [state only].
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp

Activity Number: PER20090003

Permit Number: 1340-00147-V6

Air - Title V Regular Permit Major Mod

GRP 0005 CAP4 - Generator Engine Cap and Common Requirements

Operating time <= 4380 hr/yr each for total of 8760 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period. [state only].

Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum

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51 [LAC 33:III.501.C.6]

52 [40 CFR 60.]

53 [40 CFR 63.]

54 [LAC 33:III.1103]

55 [LAC 33:III.2113.A]

56 [LAC 33:III.219]

57 [LAC 33:III.501.C.1]

58 [LAC 33:III.507.E.4]

59 [LAC 33:III.517.A.1]

60 [LAC 33:III.517.B.1]

61 [LAC 33:III.517.C]

62 [LAC 33:III.517.D]

63 [LAC 33:III.517.E]

All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in 40 CFR 63 Subpart HH.

Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.

Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.

Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.

Submit permit application: Due prior to construction, reconstruction or modification unless otherwise provided in LAC 33:III.Chapter 5.

Submit a timely and complete permit application to the Office of Environmental Services as required in accordance with the procedures in LAC 33:III.Chapter 5.

Any permit application to renew an existing permit shall be submitted at least six months prior to the date of permit expiration, or at such earlier time as may be required by the existing permit or approved by the permitting authority. In no event shall the application for permit renewal be submitted more than 18 months before the date of permit expiration.

Submit permit application: Due prior to commencement of construction, reconstruction, or modification of the source, for new or modified sources. Do not commence construction, reconstruction, or modification of any source required to be permitted under LAC 33:III.Chapter 5 prior to approval by the permitting authority.

Any application form, report, or compliance certification submitted under this Chapter shall contain certification by a responsible official of truth, accuracy, and completeness. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information contained in the application are true, accurate, and complete.

Submit supplementary facts or corrected information: Due promptly upon becoming aware of failure to submit or incorrect submittal regarding permit applications. In addition, provide information as necessary to address any requirements that become applicable to the source after the date of filing a complete application but prior to release of a proposed permit.

Submit applications for permits in accordance with forms and guidance provided by the DEQ. At a minimum, each permit application submitted under LAC 33:III.Chapter 5 shall contain the information specified in LAC 33:III.517.D, subparagraphs 1-18.

In addition to those elements listed under LAC 33:III.517.D, include in each application pertaining to a Part 70 source the information specified in LAC 33:III.517.E, Subparagraphs 1-8.

SPECIFIC REQUIREMENTS

AI ID: 32189 - Lafitte Field Compressor Station TB # 5 & Camp
Activity Number: PER20090003
Permit Number: 1340-00147-V6
Air - Title V Regular Permit Major Mod

UNF 0001 AI32189 - Lafitte Field Compressor Station TB5 & Camp

- 64 [LAC 33:III.535] Permittee shall comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.537]
- 65 [LAC 33:III.561.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency. Due within 30 days after requested by the administrative authority.
- 66 [LAC 33:III.561.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 67 [LAC 33:III.919.D] Submit Emission Inventory (EI) Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.